

# Anti-Cytochrome P450 2E1 antibody ab28146

★★★★★ [6 Abreviews](#) [138 References](#) [3 图像](#)

### 概述

产品名称	Anti-Cytochrome P450 2E1抗体
描述	兔多克隆抗体to Cytochrome P450 2E1
宿主	Rabbit
特异性	The antibody detects a ~50-55 kDa protein, corresponding to the apparent molecular mass of cytochrome P450 IIE1 on SDS-PAGE immunoblots.
经测试应用	<b>适用于:</b> WB, ICC/IF
种属反应性	<b>与反应:</b> Mouse, Rat, Rabbit, Human
免疫原	Full length native protein (purified) (Rat)
常规说明	<p>The antibody has been shown to inhibit microsomal benzene metabolism</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
纯度	Protein A purified
Primary antibody说明	The antibody has been shown to inhibit microsomal benzene metabolism
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab28146于以下的经测试应用

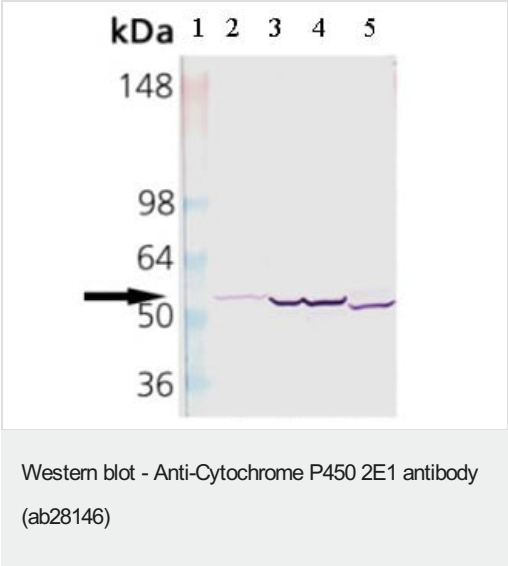
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (2)	1/5000. Predicted molecular weight: 50-55 kDa. This dilution was sufficient for detection of Cytochrome P450 in 20ug of human liver microsomes by colorimetric immunoblot analysis using Goat anti-Rabbit IgG:AP as the secondary antibody.
ICC/IF		1/1000.

靶标

功能	Metabolizes several precarcinogens, drugs, and solvents to reactive metabolites. Inactivates a number of drugs and xenobiotics and also bioactivates many xenobiotic substrates to their hepatotoxic or carcinogenic forms.
序列相似性	Belongs to the cytochrome P450 family.
细胞定位	Endoplasmic reticulum membrane. Microsome membrane.

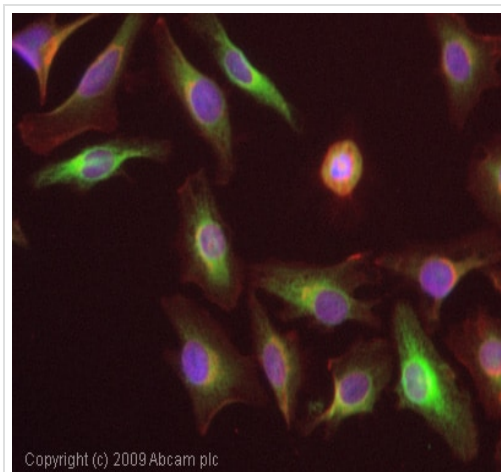
图片



**All lanes :** Anti-Cytochrome P450 2E1 antibody (ab28146) at 1/1000 dilution

- Lane 1 :** Molecular weight marker
- Lane 2 :** Cell lysates prepared from human liver microsomes
- Lane 3 :** Cell lysates prepared from rat liver microsomes
- Lane 4 :** Cell lysates prepared from mouse liver microsomes
- Lane 5 :** Cell lysates prepared from rabbit liver microsomes

**Predicted band size:** 50-55 kDa



Copyright (c) 2009 Abcam plc

Immunocytochemistry/ Immunofluorescence - Anti-Cytochrome P450 2E1 antibody (ab28146)



Western blot - Anti-Cytochrome P450 2E1 antibody (ab28146)

Image courtesy of an anonymous Abreview.

ICC/IF image of ab28146 stained HeLa cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab28146, 1/1000 dilution) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

**All lanes :** Anti-Cytochrome P450 2E1 antibody (ab28146) at 1/2500 dilution

**All lanes :** Tissue lysate prepared from normal murine liver

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** Goat anti-rabbit IgG-HRP at 1/5000 dilution

Developed using the ECL technique.

**Predicted band size:** 50-55 kDa

**Observed band size:** 55 kDa

**Exposure time:** 3 seconds

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors